

## CLAIMS

What is claimed is:

- 1        1.        A method, comprising:
  - 2                connecting at least one remote monitoring digital processing
  - 3                system to at least one monitored digital processing system; and
  - 4                executing at least one diagnostic program on the remote
  - 5                monitoring digital processing system to generate diagnostic information
  - 6                relating to the monitored digital processing system.
- 1        2.        The method of claim 1, wherein connecting comprises establishing
  - 2                a secure connection between the remote digital processing system and the
  - 3                monitored digital processing system.
- 1        3.        The method of claim 2, wherein establishing a secure connection
  - 2                comprises establishing a connection using Secure Shell.
- 1        4.        The method of claim 2, wherein executing comprises constructing
  - 2                at least one string containing at least one command to be run on the
  - 3                monitored digital processing system.
- 1        5.        The method of claim 4, wherein constructing comprises
  - 2                constructing within a remote probe residing on the remote monitoring
  - 3                digital processing system at least one string containing at least one
  - 4                command to be run on the monitored digital processing system.

1        6.     The method of claim 5, wherein executing further comprises  
2        sending the string from the remote monitoring digital processing system  
3        to the monitored digital processing system.

1        7.     The method of claim 6, wherein sending comprises sending the  
2        string from the remote probe to the monitored digital processing system  
3        through the secure connection.

1        8.     The method of claim 6, wherein executing further comprises  
2        running the command on the monitored digital processing system.

1        9.     The method of claim 8, wherein running the command comprises  
2        running the command within a daemon residing on the monitored digital  
3        processing system.

1        10.    The method of claim 9, wherein the daemon is a Secure Shell  
2        daemon.

1        11.    The method of claim 5, further comprising collecting within the  
2        remote monitoring digital processing system the diagnostic information  
3        relating to the monitored digital processing system.

1        12.    The method of claim 11, wherein collecting comprises collecting  
2        within the remote probe the diagnostic information.

1        13.    The method of claim 11, further comprising interpreting within the  
2        remote monitoring digital processing system the diagnostic information.

1 14. The method of claim 13, wherein interpreting comprises  
2 interpreting within the remote probe the diagnostic information.

1 15. An apparatus, comprising:  
2 means for connecting at least one remote monitoring digital  
3 processing system to at least one monitored digital processing system; and  
4 means for executing at least one diagnostic program on the remote  
5 monitoring digital processing system to generate diagnostic information  
6 relating to the monitored digital processing system.

1 16. The apparatus of claim 15, further comprising means for  
2 establishing a secure connection between the remote monitoring digital  
3 processing system and the monitored digital processing system.

1 17. The apparatus of claim 15, further comprising means for collecting  
2 within the remote monitoring digital processing system the diagnostic  
3 information relating to the monitored digital processing system.

1 18. The apparatus of claim 17, further comprising means for  
2 interpreting within the remote monitoring digital processing system the  
3 diagnostic information.

1 19. An apparatus, comprising:  
2 a remote monitoring digital processing system;  
3 a remote probe residing on the remote monitoring digital  
4 processing system; and

5 a monitored digital processing system coupled with the remote  
6 monitoring digital processing system.

1 20. The apparatus of claim 19, further comprising a scheduler residing  
2 on the remote digital processing system.

1 21. The apparatus of claim 20, wherein the remote probe is coupled  
2 with the scheduler.

1 22. The apparatus of claim 21, further comprising a daemon residing  
2 on the monitored digital processing system.

1 23. The apparatus of claim 22, wherein the daemon is a Secure Shell  
2 daemon.

1 24. The apparatus of claim 19, further comprising a UNIX operating  
2 system running on the remote monitoring digital processing system.

1 25. The apparatus of claim 19, wherein the monitored digital  
2 processing system is coupled with the remote monitoring digital  
3 processing system through a secure connection.

1 26. The apparatus of claim 25, wherein the secure connection is a  
2 Secure Shell connection.

1 27. The apparatus of claim 25, further comprising at least one string to  
2 be sent from the remote probe to the monitored digital processing system  
3 through the secure connection, the string containing at least one command  
4 to be run on the monitored digital processing system to generate

5 diagnostic information relating to the monitored digital processing  
6 system.

1 28. A machine readable medium having stored thereon instructions,  
2 which when executed by a processor, cause the processor to perform the  
3 following:

4 connecting at least one remote monitoring digital processing  
5 system to at least one monitored digital processing system; and  
6 executing at least one diagnostic program on the remote  
7 monitoring digital processing system to generate diagnostic information  
8 relating to the monitored digital processing system.

1 29. The machine readable medium of claim 28, wherein the processor  
2 further performs collecting within the remote monitoring digital  
3 processing system the diagnostic information relating to the monitored  
4 digital processing system.

1 30. The machine readable medium of claim 29, wherein the processor  
2 further performs interpreting within the remote monitoring digital  
3 processing system the diagnostic information.

1 31. The machine readable medium of claim 28, wherein the instruction  
2 stored thereon are configured to run on a UNIX operating system.